

PLANT PIGMENT ACCUMULATION GENE

ABSTRACT OF THE DISCLOSURE

By analyzing the causative gene of *tt19* mutants and elucidating the nature of the mutants, the present
5 inventors found a novel gene as the causative gene and gave it the name *TRANSPARENT TESTA (TT19)* gene. The inventors cloned this gene and analyzed its DNA nucleotide sequence as well as the protein encoded by its DNA. The inventors also provided a transformed plant utilizing the nature of
10 the identified causative gene.